



Information theory is a branch of science that combines applied mathematics, computer science, and electrical engineering for the purpose of data compression and transmission as well as the quantification of information. It has applications to a wide variety of fields, from the communication industry to neurobiology. Verdú, a leader in information theory, has contributed numerous books, monographs, book chapters, and review papers, many of which have become essential reading for those working in information and communication theory. His award-winning 1998 book *Multiuser Detection*, for instance, is still frequently used by researchers and systems designers in wireless communications networks. Verdú now serves as editor-in-chief of *Foundations and Trends in Communication and Information Theory*, a monograph series that he developed and for which he authored the inaugural issue. The series has proven to be an important tool that has allowed researchers to quickly get up to speed on important topics in communication and information theory. Verdú, with publisher Mike Casey, developed the original concept for the entire *Foundations and Trends* series, which now covers more than 30 different areas in computer science, communications, and business, extending Verdú's influence far beyond his own field.